

INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO.
50093PPD/DIV
APPLICATION NO.
10/006,252
APPLICANT
BROEKAERT et al
FILING DATE:
December 4, 2001Confirmation No.
3872
Group
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JHE	AA	WO87/03303	6/4/1987	WIPO	C12N 15/00	G12N 1/20	<input type="checkbox"/>	<input type="checkbox"/>
	AB	WO90/13224	11/15/1990	WIPO	A01N 63/00	C12N 1/00	<input type="checkbox"/>	<input type="checkbox"/>
	AC	WO93/05153	3/18/1993	WIPO	C12N 15/29	G07K 7/10	<input type="checkbox"/>	<input type="checkbox"/>
	AD	WO93/10363	5/27/1993	WIP	F16B 23/00	B25B 23/00	<input type="checkbox"/>	<input type="checkbox"/>
	AE	WO94/16076	7/24/1994	WIPO	C12N 15/29	C12N 15/74	<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

JHE	AF	Alignments (SEQ ID No. 9)
	AG	Bennetzen and Hall, <i>Codon Selection in Yeast</i> <i>Journal of Biological Chemistry</i> , Vol. 257, No. 6 (1982) pp. 3026-3031
	AH	Bloch and Richardson, <i>A new family of small (5kDa) protein inhibitors of insect amylases from seeds or sorghum (Sorghum bicolor (L) Moench) have sequence homologies with wheat purothionins</i> <i>Federation of European Biochemical Societies Microbiology Letters</i> , Vol. 279, No. 1 (1991) p. 101-104
	AI	Broekaert et al, <i>An automated quantitative assay for fungal growth inhibition</i> <i>Federation of European Biochemical Societies Microbiology Letters</i> , Vol. 69 (1990), pp. 55-60
	AJ	Broekaert et al, <i>Antifungal Proteins and Their Application in the Molecular Breeding of Disease-Resistant Plants</i> <i>Acta Horticulturae</i> , Vol. 355 (1994) pp. 209-211
	AK	Broekaert et al, <i>Plant Defensins: Novel Antimicrobial Peptides as Components of the Host Defense System</i> <i>Plant Physiology</i> , Vol. 108 (1995), pp. 1353-1358
	AL	Cornelissen et al, <i>Strategies for Control of Fungal Diseases with Transgenic Plants</i> <i>Plant Physiology</i> , Vol. 101 (1993), pp. 709-712

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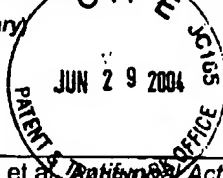
DATE CONSIDERED

9/10/01

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HA	AM	De Samblanx et al, <i>Antifungal Activity of Synthetic 15-mer Peptides Based on the Rs-AFP2 (Raphanus sativus antifungal protein 2) Sequence</i> <i>Peptide Research</i> , Vol. 9, No. 6 (1996) p. 262-268
	AN	De Samblanx et al, <i>Mutational Analysis of a Plant Defensin from Radish (Raphanus sativus L.) Reveals Two Adjacent Sites Important for Antifungal Activity</i> <i>Journal of Biological Chemistry</i> , Vol. 272, No. 2 (1997), pp. 1171-1179
	AO	Elble, R., <i>A Simple and Efficient Procedure for Transformation of Yeasts</i> <i>BioTechniques, BioFeedback</i> , Vol. 13, No. 1, (1992) p. 18-20
	AP	Harker and Venis, <i>Measurement of intracellular and extracellular free calcium in apple fruit cells using calcium-selective microelectrodes</i> <i>Plant, Cell and Environment</i> , Vol. 14 (1991) pp. 525-530
	AQ	Hepler and Wayne, <i>Calcium and Plant Development</i> <i>Annual Review of Plant Physiology</i> , Vol. 36 (1985) pp. 397-439
	AR	Lin et al, "Conservation of Plant Genes, Screening Valuable Genes from Wild Species of Plants," in R.P. Adams and J.E. Adams, editors, <i>Conservation of Plant Genes</i> , (Academic Press, San Diego, California, 1992) pp. 241-246
	AS	Macklon, A.E.S., <i>Calcium fluxes at plasmalemma and tonoplast</i> <i>Plant, Cell and Environment</i> , Vol. 7 (1984) pp. 407-413
	AT	Merino et al, <i>A General PCR-Based Method for Single or Combinatorial Oligonucleotide-Directed Mutagenesis on pUC/M13 Vectors</i> <i>BioTechniques, BioFeedback</i> , Vol. 12, No. 4 (1992) PP. 508-510
	AU	Osborn et al, <i>Isolation and characterization of plant defensins from seeds of Asteraceae, Fabaceae, Hippocastanaceae and Saxifragaceae</i> <i>Federation of European Biochemical Societies Letters</i> , Vol. 368, No. 2 (1995), pp. 257-262
	AV	Rees et al, "Plant antifungal proteins: novel crop protection agents," in G.K. Dixon et al editors, <i>Antifungal Agents: Discovery Mode Action</i> , (Bios Scientific Publishers, Oxford, United Kingdom, 1995), Chapter 16, pp. 193-200
	AW	Reichhart et al, <i>Expression and Secretion in Yeast of Active Insect Defensin, an Inducible Antibacterial Peptide from the Fleshfly Phormia terranova</i> <i>Invertebrate Reproduction and Development</i> , Vol. 21 (1992) pp. 15-24
	AX	Sherman, F., <i>Getting Started with Yeast</i> <i>Methods in Enzymology</i> , Vol. 194 (1991), pp. 3-21
	AY	Terras et al, <i>A new family of basis cysteine-rich plant antifungal proteins from Brassicaceae species</i> <i>Federation of European Biochemical Societies Letters</i> , Vol. 316, No. 3 (1993), pp. 233-240
↓	AZ	Terras et al, <i>Analysis of Two Novel Classes of Plant Antifungal Proteins from Radish (Raphanus sativus L) Seeds</i> <i>Journal of Biological Chemistry</i> , Vol. 267 (1992), pp. 15301-15309

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Steve Robinson

DATE CONSIDERED

9/10/04

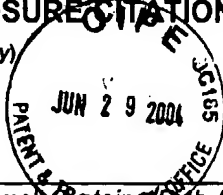
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BA	Terras et al, <i>Small Cysteine-Rich Antifungal Proteins from Radish: Their Role in Host Defense</i> <i>The Plant Cell</i> , Vol. 7 (1995), pp. 573-588
BB	Vilas Alves et al, <i>Expression of functional Raphanus sativus antifungal protein in yeast</i> <i>Federation of European Biochemical Societies Letters</i> , Vol. 348 (1994), pp. 228-232
BC	Ward, A.C., <i>Single step purification of shuttle vectors from yeast for high frequency back-transformation into E. coli</i> <i>Nucleic Acids Research</i> , Vol. 18, No. 17 (1990) pp. 5319
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EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>8/10/04</i>
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